

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

Claim 1 (currently amended): A multi-component conductive yarn comprising a primary component and a secondary component:

said primary component consists of at least one set elongated filament formed of a single polymeric material;

said secondary component ~~consists~~ consisting solely of a blend of said single polymeric material and carbon nanotubes bonded with said primary component along its length said secondary component being unset ;

~~said carbon material of said secondary component comprises carbon nanotubes which constitute up to 20% of said secondary component; wherein, nanotubes constituting of up to .5% of the multi-component yarn.~~

~~said conductive yarn comprises no more than 10% carbon nanotubes.~~

Claim 2 (currently amended): The yarn of claim 1 wherein said polymeric material of ~~said primary component~~ is formed of at least one of polyester, polyamide, polypropylene, polyethylene, PPS and PEEK.

Claim 3 (currently amended): The yarn of claim 1 wherein said polymeric material of said secondary component includes at least 80% of ~~at least~~ one of polyester, polyamide, polypropylene, polyethylene, PPS and PEEK.

Claim 4 (currently amended): The yarn of claim 1 wherein said secondary component comprises a sheath bonded with and surrounding ~~said filament of said~~ primary component.

Claim 5 (currently amended): The yarn of claim 1 wherein said secondary component comprises an elongated filament bonded with ~~said filament of said primary~~ component along its length.

Claim 6-9 (canceled)

Claim 10 (currently amended): The conductive yarn of claim 1 wherein said primary component comprises a plurality of elongated filaments ~~of synthetic material~~.

Claim 11-21 (canceled)

Claim 22 (new): A conductive multi-component yarn comprising a primary component and a secondary component:

said primary component consisting of a set elongated filament formed of a single polymeric material;

said secondary component consisting of a single polymeric material, unset and blended with carbon nanotubes, said carbon nanotubes comprising between .5% and 10% of said blend and said polymeric material comprising between 90% to 99.5% of said blend;

said secondary component encasing said primary component forming a sheath along its length.

Claim 23 (new): The conductive multi-component yarn of claim 22 wherein said sheath comprises between .5% and 10% wt of said multi-component yarn.